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- 19) The flexible conductor core for superconducting power cable according to claim 1, wherein (a ratio of the number of layers placed in opposite direction is between 1:1 and 1:2.)
- 20) The flexible conductor core for superconducting power cable according to claim 1, wherein the superconducting elements to be used may be a shape selected from the group consisting of flat, round oval and a sector.

The application is now in condition for allowance.

#### RESPONSE

This is in response to the Office Action of October 30, 2002.

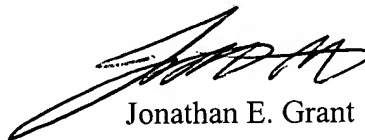
✓ Applicant elects claims 1-9, but respectfully traverses, noting that claim 10 may still have to be searched to conduct a thorough search for the invention.

Claims have been amended and are in condition for allowance.

Please call or fax the undersigned at (301) 603-9071 if you have any questions or comments.

Thank you.

Respectfully submitted,



Jonathan E. Grant

Reg. No. 34,830

2120 L Street, N.W.

Suite 210  
Washington, D.C. 20037  
Tel. 301-603-9071